IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Usuka et al. Confirmation No.: 3878

Application No.: 10/015,167 Art Unit: 1631

Filed: December 11, 2001 Examiner: Eric S. DeJong

For: SYSTEM AND METHOD FOR Attorney Docket No.: 9080-016-999 PREDICTING CHROMOSOMAL (800935-999015)

REGIONS THAT CONTROL PHENOTYPIC TRAITS

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §§ 1.111

Mail Stop AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

The following is an Amendment and Response being filed in response to the non-final Office Action dated April 29, 2009, for the above-identified patent application. Enclosed herewith is a **Petition For Extension of Time Under 37 C.F.R. § 1.136(a)**.

The remarks below include an **Interview Summary** for the telephonic interview on August 18, 2009, in connection with the above-identified application.

This paper includes:

Amendments to the Claims beginning on page 2.

Remarks beginning on page 15.